ABSTRACT

Flame retardants for resins, which contain as the principal component phosphorinane-type phosphates represented by general formula (I) (wherein R₁ and R₂ are each independently C₁-C₆ alkyl; and R₃ is C₁-C₂₀ alkyl), and which can impart excellent flame retardance to resins without lowering in the physical properties inherent in the resins and are excellent in resistance to hydrolysis and free from halogen; and flame-retarded resin compositions excellent in mechanical characteristics.

$$\begin{array}{c}
R_1 \setminus C H_2 O \setminus_{PO-R_3}^O \\
R_2 \setminus C H_2 O
\end{array}$$
(I)